



GE Infrastructure
GE Aviation

Jeff Blakeman

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February 8, 2013

Paul Little
Corrective Action Project Manager
Remediation and Reuse Branch - U.S. EPA Region 5
77 W. Jackson Blvd. (LU-9J)
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio
OHD 000 817 312
Progress Report

Dear Mr. Little:

Please find attached the January 2013 Monthly Progress Report. If you have any questions, please contact Ed Kolodziej at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Jeffrey Blakeman
Manager, Evendale Facilities

cc: Chief Mike Hauck, Evendale Fire Department
Tim Hull, OEPA
Ralph Mertz, BUSTR (Incident Number: 31001060)
John Wolfe, United States Air Force
Joanne Reinhold, GE
Ed Kolodziej, GE

Description of Work Completed in January 2013:

- Performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for January 2013 were:

<u>Well ID</u>	<u>Unit</u>	<u>Jan. '13 – Ave. Pumping Rate (gpm)</u>
EW-2P	Perched	43
EW-4P	Perched	33
EW-5P	Perched	48
EW-6P	Perched	48
EW-7S	USG	33
EW-3D	LSG	48
EW-8D	LSG	<u>48</u>
		Total Ave. = 301 gpm

- The pumping rate for EW-7S was reduced from 50 gpm to 45 gpm on January 8, 2013 in response to continued declines in water level and well specific capacity. Water levels in the well have stabilized and options for well re-development are being evaluated.
- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP).
- Continued operating the IRM groundwater treatment plant, including scheduled and unscheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 95.16% for the month.
- Prepared record drawings for the newly installed data management recording device for the IRM groundwater treatment plant.
- Continued preparation of the 3rd and 4th quarter/annual 2012 IRM ground water monitoring reports.
- Received results of January 2013 sampling of PMW-3 series wells to evaluate groundwater conditions associated with vinyl chloride detections. These results indicate a continued downward trend in vinyl chloride concentrations in these two wells, with concentrations decreasing since the last sampling event in November 2012. Vinyl chloride concentrations in PMW-3S decreased from 69 µg/L to 39 µg/L and concentrations in PMW-3D decreased from 200 µg/L to 190 µg/L.

Summary of All Findings:

- None.

Contacts with the Public:

- None.

Problems or Potential Problems Encountered:

- A previously increasing trend in vinyl chloride concentrations was observed in groundwater from monitoring wells PMW-3S and PMW-3D; however, 5 monthly/bi-monthly sampling events

have shown the levels of vinyl chloride at these locations to be decreasing and remaining below previous peak concentrations.

- The 3rd quarter 2012 groundwater IRM sampling event included only wells PMW-3S/D and inadvertently did not include sampling from other scheduled performance monitoring wells. Groundwater level monitoring and extraction well effluent sampling was conducted as scheduled. The 4th quarter 2012 and concurrent 2nd semi-annual 2012 sampling events were conducted as scheduled and results did not indicate significant changes in groundwater quality between the 2nd quarter and 4th quarter 2012 sampling events.

Actions Taken to Rectify Problems:

- See Prior Section.

Changes in Personnel During Reporting Period:

- None.

Projected Work for February 2013:

- Continue pumping in the three water-bearing units (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct 1st quarter 2013 groundwater sampling event.
- Continue monitoring and evaluation of hydraulic and chemical data in the vicinity of PMW-3 well series.
- Submit the 3rd quarter 2012 IRM ground water monitoring report and continue preparing the 4th quarter/annual 2012 report.
- Continue operating the IRM ground water treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Schedule an introductory meeting with USEPA upon notice that a new USEPA project manager has been assigned.

Copies of Daily Reports and Laboratory/Monitoring Data:

- None